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JUL 22 2004

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO TRADE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		<i>Complete if Known</i>	
Sheet	1	of	2
		Application Number	10/735608
		Filing Date	December 12, 2003
		First Named Inventor	BRUCHEZ
		Group Art Unit	1645
		Examiner Name	Unassigned
		Attorney Docket Number	S100-0702.20

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
PJN	B1	EP	0 990 903	A1	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	04-05-2000	

Examiner Signature	<i>Person</i>	Date Considered	6/24/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		<i>Complete if Known</i>	
Sheet	2	of	2
		Attorney Docket Number	
5100-0702.20			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PJH	C1	BRUCHEZ et al., "Semiconductor Nanocrystals as Fluorescent Biological Labels," (1998), <i>Science</i> <u>281</u> :2013-2016	
	C2	CHAN et al., "Quantum Dot-Bioconjugates for Ultrasensitive Nonisotopic Detection," (1998), <i>Science</i> <u>281</u> :2016-2018	
	C3	DUBERTRET et al., In Vivo Imaging of Quantum Dots Encapsulated in Phospholipid Micelles, (2002), <i>Science</i> <u>298</u> :1759-1762.	
	C4	LACOSTE et al., "Super Resolution Molecular Ruler Using Single Quantum Dots," (2000), <i>Biophysical Journal</i> <u>78</u> :420A (abstract)	
PJH	C5	TKACHENKO et al., "Multifunctional Gold Nanoparticle-Peptide Complexes for Nuclear Targeting", (2003), <i>J. AM. CHEM. SOC.</i> <u>125</u> , 4700-4701.	

Examiner Signature	<i>6/24/05 JENSW</i>	Date Considered	<i>6/24/05</i>
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